

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	233	valve same chamber same piston same open same closed same (restrict\$3 or prevent\$3 or limit\$3) same (spring or bias\$3)	US-PGPUB	OR	ON	2006/12/11 09:18
L2	865	123/90.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:18
L3	2392	123/90.15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:18
L4	4090	251/12,14,57,58,62,206,324,325. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:18
L5	7101	L2 or L3 or L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:18
L6	6	L5 and L1	US-PGPUB	OR	ON	2006/12/11 09:18
S1	7	kenchington-steven.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:16
S2	0	kenchington-steven-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 10:26
S3	0	kuderovitch-simon.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 10:26
S4	2	kuderovitch-simon-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/01 15:55
S5	0	jp-12282823-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 10:27
S6	0	jp-12045732-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 10:28

## EAST Search History

S7	0	jp-1245732-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 10:28
S8	1	jp-60085209-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:11
S9	793	123/90.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:13
S10	2095	123/90.15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:13
S11	4043	251/12,14,57,58,62,206,324,325. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:14
S12	6718	S9 or S10 or S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:14
S13	2341	((piston or slide or plunger) with chamber with bore) same (valve with force)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:19
S14	61	S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:27
S15	20	S9 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:20
S16	1184	((piston or slide or plunger) with chamber with bore) same valve same ((cross\$1section\$2 or diameter) near2 (smaller or larger or greater or less))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:26
S17	3	S9 and S16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:22

## EAST Search History

S18	4904	((piston or slide or plunger) with chamber) same valve same ((cross\$1section\$2 or diameter) near2 (smaller or larger or greater or less))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:21
S19	29	S9 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:22
S20	70	((piston or slide or plunger) with chamber with bore) same valve same ((cross\$1section\$2 or diameter) near2 (smaller or larger or greater or less)) same (second adj piston)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:27
S21	1	S12 and S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:27
S22	518	((piston or slide or plunger) with chamber with bore) same valve same (second adj piston)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:27
S23	23	S12 and S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 11:27
S24	8	kenchington-steven.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/01 15:55
S25	3	kuderovitch-simon-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/01 15:55